

### **ABSTRACT OF THE DISCLOSURE**

A third shaft structure of a cursor input device comprises a scroll wheel and a support base. The support base consists of a coupling portion, a round-shaped groove, a scroll wheel shaft and an elastic arm, wherein a plurality of ㄇ-shaped channeling grooves are disposed on both sides of the coupling portion. The round-shaped groove, horizontally placed between the ㄇ-shaped channeling rods of the coupling portion, is extended forward to form a scroll wheel shaft. The elastic arm has a fixed end and a free end, with the fixed end being connected to the top of the round-shaped groove while having a protruding block disposed at the front end thereof. A wheel shaft is disposed at the center of the scroll wheel that is for the scroll wheel shaft of the supporting base to interpose. An indented surface having notches, disposed on the inside of the scroll wheel, is for the protruding block on the free end of the elastic arm to prop against, such that a segmented sensation is caused to the user while the scroll wheel is rotated upwards and downwards.